

CLAIMS:

1. A display device comprising a liquid crystal material (6) between a first substrate (5) provided with row or selection electrodes (2) and a second substrate (4) provided with column or data electrodes (3), in which overlapping parts of the row and column electrodes define pixels (10), and drive means for driving the column electrodes and
5 drive means for driving N row electrodes in conformity with an image to be displayed, the row electrodes being selected during a selection time t_1 and further drive means for driving row electrodes (2) or column electrodes (3) in conformity with a further non-image application during a period t_{app} , in which the multiplexibility m of the liquid crystal is larger than $(N \cdot t_1 + t_{app}) / t_1$
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2. A display device according to Claim 1 comprising drive means for driving the column electrodes and drive means for driving N row electrodes in conformity with an image to be displayed and further drive means for driving M row electrodes in conformity with a further non-image application, in which the multiplexibility m of the liquid crystal is larger
15 than $(M/n + N)$ in which n is the number of simultaneously driven row electrodes during said further non-image application.
3. A display device according to claim 1 or 2, the driving signals for row electrodes and the corresponding column signals during selection of said further non-image
20 application resulting in a zero RMS voltage.
4. A display device according to claim 2 in which $n = 1$
5. A display device according to claim 4 in which $M = N$
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6. A display device according to claim 1 or 2 which sequentially provide groups of p row electrodes with mutually orthogonal signals in the operating condition.
7. A display device as claimed in claim 1 having a variable frame rate.

8. A display device as claimed in claim 1 in which the non-image application comprises an input function.

5 9. A display device as claimed in claim 8 in which the input function comprises a touch function or a microphone function

10. A display device as claimed in claim 1 in which the non-image application comprises an output function.

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11. A display device as claimed in claim 1 in which the output function comprises a vibration introducing function or an acoustic function.